

Material Safety Data Sheet

0785 Series Kitchen & Bath Adhesive Caulk – White & Colors – Sq. Tube

MSDS No. 0171 Rev. 5

Emergency Phone No.
(918)825-5744

SECTION 1 – PRODUCT NAME & MANUFACTURER INFORMATION

PRODUCT NAME	Kitchen & Bath Adhesive Caulk – White & Colors – Squeeze Tubes		
MANUFACTURER'S NAME & TELEPHONE NUMBER	Red Devil, Inc.	918-825-5744	
STREET ADDRESS	4175 Webb Street		
CITY / STATE / ZIP	Pryor, Oklahoma 74361		

SECTION 2 – COMPOSITION / HAZARDOUS INGREDIENTS

	%	TLV	PEL	UNITS
PRODUCT CONSISTS OF:				
Titanium Dioxide ** (13463-67-7)	< 2.5	10	15	mg/m3
Petroleum Distillate (64742-48-9)	< 1	100	500	ppm
Calcium Carbonate ** (1317-65-3)	< 40	10	15	mg/m3
Vinyl Acetate Emulsion (mixture) (emulsion contains 9003-20-7)	< 55	NE	NE	
Benzoate Ester (proprietary)	< 7.5	NE	NE	
Propylene Glycol (57-55-6)	< 1.5	400***	NE	ppm
Non-hazardous ingredients*	< 5	NA	NA	

*Unlisted ingredients are not considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200). ** Inhalation of particulates unlikely due to products physical state. *** TWA.
Calculated VOC: < 1.5%/wt, < 25 g/L. CARB Compliance: Yes. Prop 65 Ingredients: Yes (See Section 16)

SECTION 3 – HAZARDS IDENTIFICATION

PRIMARY ROUTE(S) OF ENTRY	<input checked="" type="checkbox"/> Skin Contact	<input checked="" type="checkbox"/> Skin Absorption	<input checked="" type="checkbox"/> Eye Contact	<input checked="" type="checkbox"/> Inhalation	<input checked="" type="checkbox"/> Ingestion
EMERGENCY OVERVIEW	Colored paste. Harmful if swallowed or absorbed through skin. May cause eye, nose, skin, throat & respiratory tract irritation.				
EFFECTS OF OVEREXPOSURE	<u>Eye</u> : May cause eye irritation. <u>Skin</u> : May cause skin irritation. Harmful if absorbed through skin. Prolonged/repeated skin contact may cause irritation. <u>Inhalation</u> : Harmful if inhaled. Inhalation of high vapor concentrations may result in central nervous system depression & narcosis. Inhalation may cause irritation to respiratory tract (mouth, mucous membranes, nose). <u>Ingestion</u> : Harmful if swallowed. <u>Chronic</u> : Prolonged/repeated skin contact may cause dermatitis. Prolonged/repeated exposure may cause respiratory damage. Overexposure may result in cardiovascular, kidney, liver & skin damage. <u>Note</u> : Product contains vinyl acetate, classified as Class 2B carcinogen by IARC. Vinyl acetate found to cause cancer in laboratory animals; no evidence that it results in cancer in humans. IARC 2B = possible carcinogenic to humans.				
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	None known.				

SECTION 4 – FIRST AID MEASURES

SKIN CONTACT	Wash w/ soap & water for @ least 15 minutes. Get medical attention if symptoms persist. Remove & wash contaminated clothing.
EYE CONTACT	Immediately flush w/ large quantities of water for @ least 15 minutes until irritation subsides. Get medical attention immediately.
INHALATION	Remove to fresh air. If breathing difficult, leave area to obtain fresh air. If breathing remains difficult, get medical attention immediately.
INGESTION	DO NOT INDUCE VOMITING. Get immediate medical attention.

SECTION 5 – FIRE FIGHTING MEASURES

FLAMMABLE Yes No

EXTINGUISHING MEDIA Carbon Dioxide, Dry Chemical, Foam, Water Fog

FLASHPOINT (°F) & METHOD >200F (Closed Cup) UPPER EXPLOSIVE LIMIT (% BY VOLUME) NE

LOWER EXPLOSIVE LIMIT (% BY VOLUME) NE AUTOIGNITION TEMPERATURE (°F) NE

UNUSUAL FIRE & EXPLOSION HAZARDS None known.

SPECIAL FIREFIGHTING PROCEDURES Wear self-contained breathing apparatus pressure demand (NIOSH approved or equivalent) & full protective gear. Use water spray to cool exposed surfaces.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PROCEDURES Wear proper protective equipment (Section 8). Use absorbent material or scrape up dried material & place in approved container.

SECTION 7 – HANDLING & STORAGE

HANDLING PROCEDURES & EQUIPMENT Keep out of reach of children & pets. Do not take internally. Do not breathe vapors. Use only w/ adequate ventilation. Wash thoroughly after handling. Avoid contact w/ eyes, skin & clothing. Open windows & doors to ensure cross-ventilation & fresh air during application & curing.

STORAGE REQUIREMENTS Keep container closed when not in use. Store containers away from excessive heat & freezing. Do not store @ temperatures above 120F. Store away from caustics & oxidizers.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

RESPIRATORY In case of insufficient ventilation, wear suitable respiratory equipment. A NIOSH-approved air purifying respirator w/ organic vapor cartridge may be necessary under circumstances where concentrations are expected to exceed exposure limits.

EYEWEAR Goggles or safety glasses w/ side shields.

CLOTHING / GLOVES Rubber gloves. Other protective equipment not required under normal use.

HYGENIC PRACTICES Remove & wash contaminated clothing before re-use. Wash hands before breaks & @ end of workday.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE Paste ODOR & APPEARANCE Mild odor. Smooth paste.

SPECIFIC GRAVITY Approximately 1.20 to 1.40 VAPOR DENSITY (AIR=1) Heavier than air

EVAPORATION RATE NE BOILING RANGE (°F) NE

pH Approximately 7.5 to 9.5 SOLUBILITY IN WATER Appreciable, before cure.

VAPOR PRESSURE (MM Hg) NE %/WT VOLATILE (TNV) Approximately 25 to 35%

SECTION 10 – STABILITY AND REACTIVITY

STABILITY Yes No Stable under normal conditions.

INCOMPATIBILITY Yes No Incompatible w/ oxidizing agents & strong bases.

CONDITIONS TO AVOID Excessive heat & freezing.

HAZARDOUS POLYMERIZATION/HAZARDOUS DECOMPOSITION PRODUCTS Hazardous polymerization will not occur under normal conditions. Normal decomposition products, ie: COx, NOx .

SECTION 11 – TOXICOLOGICAL INFORMATION / CARCINOGENICITY

ACGIH	Small amount of Silica, crystalline present in Calcium Carbonate filler; known to state of California to cause cancer. Vinyl acetate present in base polymer: confirmed animal carcinogen w/ unknown relevance to humans.
OSHA	NE.
IARC	Vinyl acetate, present in base polymer: Classed as possible carcinogen.
NTP	Silica, crystalline, present in small amount in Calcium Carbonate Filler: Known carcinogen.
DATA WITH POSSIBLE RELEVANCE TO HUMANS	Crystalline Silica, present in calcium carbonate filler, known to the State of California to cause cancer, birth defects or other reproductive harm.

SECTION 12 – ECOLOGICAL INFORMATION

AQUATIC TOXICITY	Not known or expected w/ normal use.
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SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL	Dispose of material in accordance w/ Local, State & Federal regulations. <u>Note:</u> Local & State requirements may differ from Federal.
EPA WASTE CODE IF DISCARDED (40CFR Sec.261)	None.

SECTION 14 – TRANSPORT INFORMATION

SPECIAL SHIPPING INFORMATION	PRODUCT NOT REGULATED BY DOT. <u>DOT Proper Shipping Name:</u> None. <u>DOT Haz. Class:</u> NA. <u>Packing Group:</u> NA. <u>Haz Subclass:</u> NA. <u>DOT UN/NA No:</u> None.
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SECTION 15 – REGULATORY INFORMATION

CERCLA – SARA HAZARD CATEGORY	Immediate health hazard; chronic health hazard.	U.S. STATE REGS	See Section 16.
SARA 313	None.	TSCA	All ingredients either on TSCA Inventory or exempt. TSCA 12(B) if exported from U.S: None.

SECTION 16 – OTHER INFORMATION / SPECIAL PRECAUTIONS / LEGEND

NJ Right-to-Know: (Top 5 Ingredients): Calcium Carbonate (1317-65-3), Vinyl Acetate Base Emulsion (mixture), Benzoate Ester (proprietary), Water (7732-18-5), Petroleum Distillate (64742-48-9). Pennsylvania Right-to-Know (Non-Haz @ >3%): Water (7732-18-5). Ingredients Known to State of California to cause cancer, birth defects or reproductive harm: Silica, crystalline (14808-60-7) present in calcium carbonate filler. Residual Formaldehyde (50-00-0) present in base polymer, Vinyl acetate (108-05-4) present in base polymer. Titanium Dioxide (13463-67-7) added to Massachusetts Right to Know List, Minnesota Hazardous Substance List, New Jersey Right to Know List, Pennsylvania Right to Know List & Rhode Island Hazardous Substance List. HMIS Ratings: Health: 1, Flammability: 1, Reactivity: 0. Vinyl acetate: 2B carcinogen by IARC. **WARNING:** This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Non-white colors may contain carbon black in color dispersions.

LEGEND: NA – Not Applicable, NE – Not Established, UN – Unavailable, VOC – Volatile Organic Compound, PEL – Permissible Exposure Limit, TLV – Threshold Limit Value, STEL – Short Term Exposure Limit, MSDS – Material Safety Data Sheet, ACGIH – American Conference of Governmental Industrial Hygienists, SARA – Superfund Amendments & Reauthorization Act of 1986, OSHA – Occupational Safety & Health Administration, HMIS – Hazardous Materials Identification System, NTP – National Toxicology Program, CEIL – Ceiling Exposure Limit, CASRN (CAS Number) – Chemical Abstracts Service Registry Number, TSCA – Toxic Substances Control Act

Reviewed By: <u>Larry G. Brandon</u>	VP Technology & General Manager	<u>February 4, 2010</u>
NAME	TITLE	DATE

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